ÖKO-SANTO 3175-4
ÖKO-SANTO 3275-4

Electronic Refrigerator/Freezer Combinations

Operating Instructions

818 14 00-00/6

Dear customer,

Before placing your new refrigerator/freezer into operation please read these operating instructions carefully. They contain important information for safe use, for installation and for care of the appliance.

Please keep these operating instructions for future reference. Pass them on to possible new owners of the appliance.

Important! These operating instructions are for use with several technically comparable models with varying accessories. Please observe the notes which apply to your model.

Notes which are important for your safety or for the proper functioning of the appliance are stressed with a warning triangle and/ or with signal words **(Warning!, Caution!, Important!)**. Please observe the following carefully.

☞ This symbol guides you step by step in the operation of the appliance.

Supplementary information regarding operation and practical applications of the appliance appear after this symbol.

Tips and notes concerning economical and environmentally sound use of the appliance are marked with the cloverleaf.

Explanations of the technical terminology used in the operating instructions can be found at the end in the section "Technical Terminology".

The operating instructions contain instructions for the correction of possible malfunctions by the user in the section "Something not working". If these instructions should not be sufficient, please contact your local Service Force Centre.

Printed on paper manufactured with environmentally sound processes.
he who thinks ecologically acts accordingly ...

818 14 00-00/6

Contents

⚠ Important Safety Instructions

These warnings are provided in the interests of your safety. Ensure that you understand them all before installing or using this appliance. Your safety is of paramount importance. If you are unsure about any of the meanings of these warnings contact the Customer Care Department.

Prior to Installation

- Check the refrigerator/freezer for transport damage. Under no circumstances should a damaged appliance be installed! In the event of damage, please contact your retailer.

Installation

- This appliance is heavy. Care should be taken when moving it.
- It is dangerous to alter the specifications or attempt to modify this product in any way.
- Ensure that the appliance does not stand on the electrical supply cable. If the supply cable is damaged, it must be replaced by a cable available from your local Service Force Centre.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Parts which heat up should not be exposed. Whenever possible, the back of the appliance should be close to a wall, but leaving the required distance for ventilation, as stated in the installation instructions.
- The appliance should be left for 2 hours after installation before it is turned on, in order to allow the refrigerant to settle.

Refrigerant

The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.

- During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
- If the refrigerant circuit should become damaged:
  - avoid open flames and sources of ignition;
  - thoroughly ventilate the room in which the appliance is situated.

Child Safety

- Do not allow children to tamper with the controls or play with the product.
- Keep packaging material away from children! (There is a risk of suffocation!)

During Use

- This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs only. It is not intended for commercial or industrial use
- Containers with flammable gases or liquids can leak at low temperatures. Do not store any containers with flammable materials such as spray cans, fire extinguisher refill cartridges etc in the refrigerator or freezer.
- Frozen food should not be refrozen once it has thawed out.
- Do not place carbonated or fizzy drinks in the freezer.
- Ice lollies can cause ’frost/freezer burns’ if consumed straight from the freezer compartment.
- Do not remove items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Bottles and cans must not be placed in the freezer. They can burst when the contents freeze.
- Manufacturers´ recommended storage times should be adhered to. Refer to relevant instructions.

Maintenance and Cleaning

- Before cleaning, always switch off the appliance and disconnect from the electrical supply.
- When unplugging always pull the plug from the mains socket, do not pull on the cable.

Servicing

- This product should be serviced by an authorised engineer and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning.
  Contact your local AEG Service Force Centre.

Environmental Information

Packaging

All transit packaging materials are environmentally compatible and can be reused. Wood is un-treated. The plastics can be recycled and are identified as follows:
>PE< for polyethylene, e.g. the outer covering and the bags in the interior.
>PS< for polystyrene foam, e.g. the pads, which are pure hydrocarbon compounds and can be recycled.

The carton parts are made from recycled paper. Please dispose of the packaging with due care for the environment.

Old Appliances

When disposing of your old appliance:

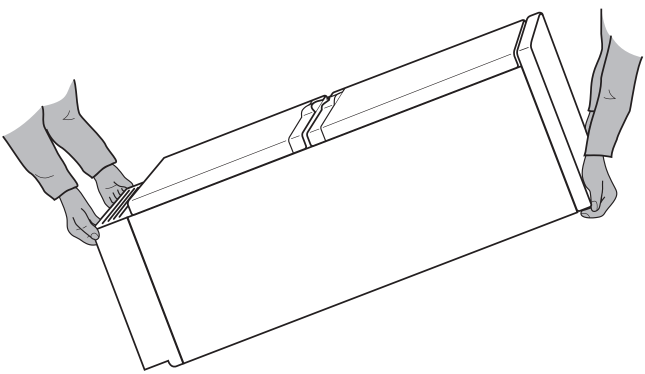
Make the appliance unusable by cutting off the cable and remove any door catches to ensure small children cannot be trapped inside.

Help to keep your country tidy - use an authorised disposal site.

Appliance Transport

Two persons are required for transport of the appliance. There are two recessed handles at the front of the base and at the back of the appliance at the top for improved gripping.

☞ Grip the appliance with the recessed handles positioned as in the drawing, and transport the appliance.



☞ In order to push the appliance into its final position, press carefully at the top of the door and tip the appliance back slightly. The weight is thus transferred to the back casters and the appliance can be easily pushed.

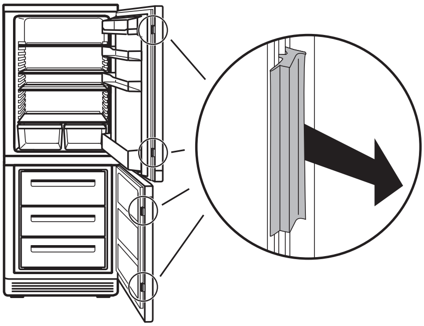
Before Use

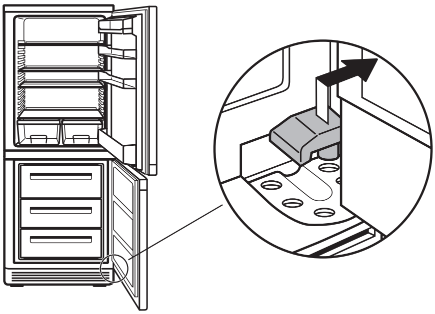
Packaging

☞ Remove all adhesive tape and packaging from the interior of the appliance.

ℹ Any remnants of adhesive can be removed with white spirit.

☞ Remove the transport protection pieces and pull off the adhesive tape.





☞ Wash the inside of the appliance with lukewarm water with a little bicarbonate of soda added (5 ml to 0.5 litre of water). Do not use soap or detergent as the smell may linger. Dry the appliance thoroughly.

Installation

Installation Location

The appliance should be installed in a well ventilated, dry room.

Energy use is affected by the ambient temperature.

The appliance should therefore
- not be exposed to direct sunlight;
- not be installed next to radiators, cookers or other sources of heat;
- only be installed at a location whose ambient temperature corresponds to the climate classification, for which the appliance is designed.

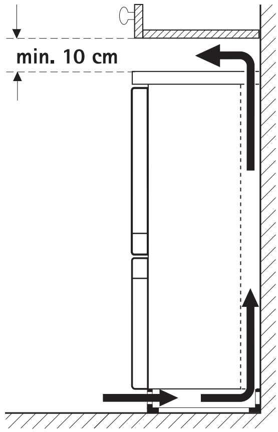
The climate classification can be found on the rating plate, which is located at the left on the inside of the appliance.
The following table shows which ambient temperature is correct for each climate classification:

Climate classification	for an ambient temperature of
SN	+10 to +32 °C
N	+16 to +32 °C
ST	+18 to +38 °C
T	+18 to +43 °C

If the appliance is installed next to another refrigerator or freezer a clearance of 5 cm at the sides is required, in order to prevent the formation of condensation on the outside of the appliance.

The refrigerator/freezer needs air

Air is fed under the door through the vent slots in the base and is exhausted upwards along the back wall. To ensure proper air circulation never cover or alter the vent openings.



Important! If the appliance is installed under a hanging cabinet, a clearance of at least 10 cm between the top of the appliance and the cabinet above it must be maintained.

Please check whether, after installing your appliance and especially after rehingeing the door, the door seal seals right round. An untight door seal may lead to heavy frosting and a higher power consumption (see also "Something not working“).

Appliance Alignment

☞ The appliance level please compensate for unevenness in the floor by turning the two adjustable feet at the front.

Electrical Connection

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

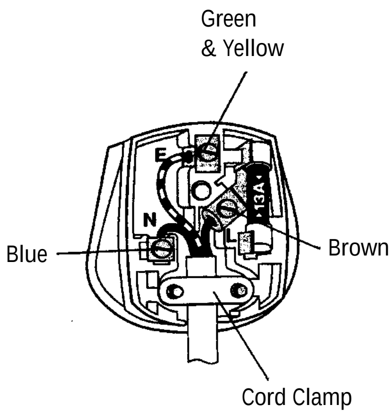
WARNING – THIS APPLIANCE MUST BE EARTHED
The manufacturer declines any liability should these safety measures not be observed.

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate. The rating plate is inside, on the left.

The appliance is supplied with a 13 amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

Important
The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow	Earth
Blue	Neutral
Brown	Live



As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The wire coloured green and yellow must be connected to the terminal marked with the letter "E“ or by the earth symbol ⏚ or coloured green and yellow.
2. The wire coloured blue must be connected to the terminal "N“ or coloured black.
3. The wire coloured brown must be connected to the terminal marked "L“ or coloured red.
4. Upon completion there must be not cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

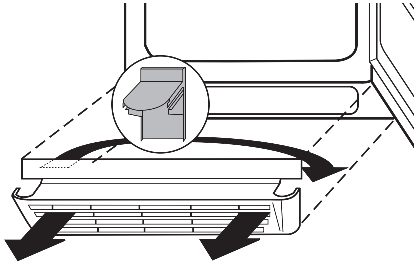
Warning! A cut-off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that the cut-off plug is disposed of safely.

Changing Over The Door Hinges

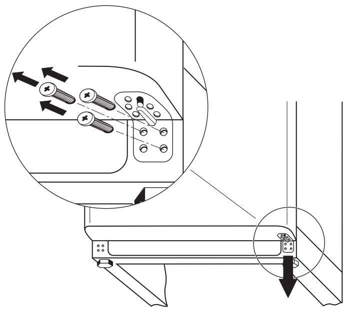
The door hinges can be changed from right (as supplied) to left if required to suit the location where the appliance is installed.

Warning! Unplug from the mains, before reversing the door.

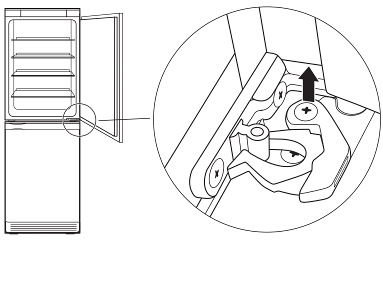
☞ Open the freezer compartment door and remove the plinth to the front. Move the door bearing cover on the pedestal cover from the left to the right.



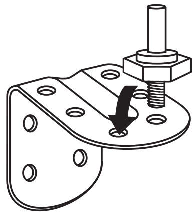
☞ With the freezer compartment door closed, remove the cross-head screws from the lower door bearing and remove the door bearing downwards.



☞ Close the freezer compartment door. Open the fridge compartment door and unscrew the retaining screw for the self-closing mechanism on the top of the freezer compartment door.

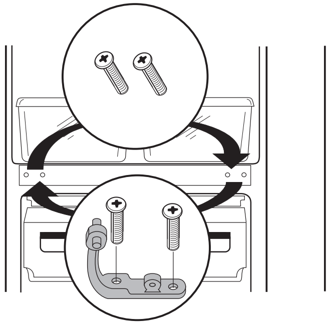


☞ Move the bearing pivot from the right to the left hand hole.
Remove the freezer compartment door carefully to the front and place on one side.

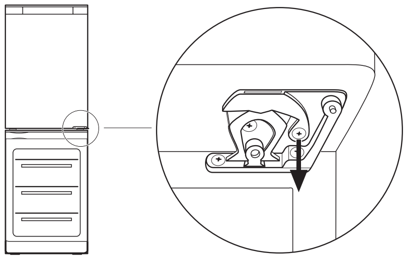


☞ Unscrew the centre door bearing.

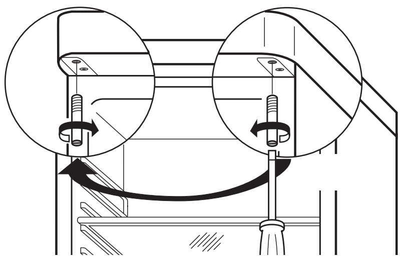
☞ Remove the fridge compartment door carefully to the front and place on one side.



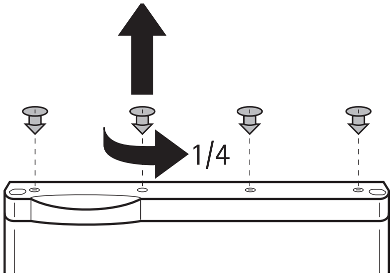
☞ Unscrew the retaining screw for the self-closing mechanism on the bottom of the fridge compartment door.



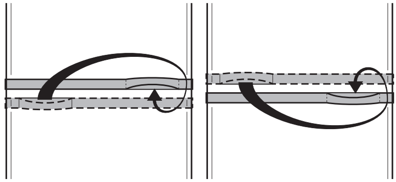
☞ Move the upper bearing pivot to the left.



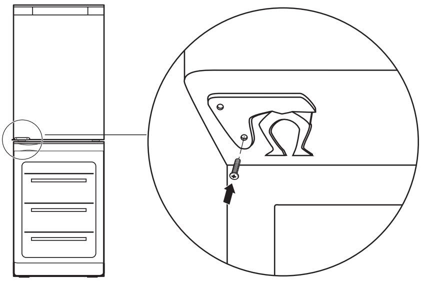
☞ Remove the door handles. To do this, use a screwdriver to turn the rotating pin 1/4 of a turn clockwise and remove.



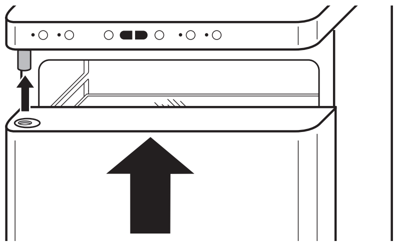
☞ Rotate the door handles as per the diagram and move each to the other door.



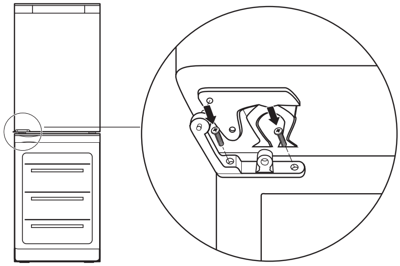
☞ Fasten the self-closing mechanism to the bottom left of the fridge compartment door.



☞ Carefully slide the fridge compartment door onto the top bearing pivot and close.

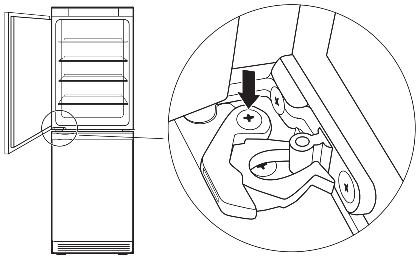


☞ Slide the centre door bearing into the bottom left of the fridge compartment door and fasten to the housing.

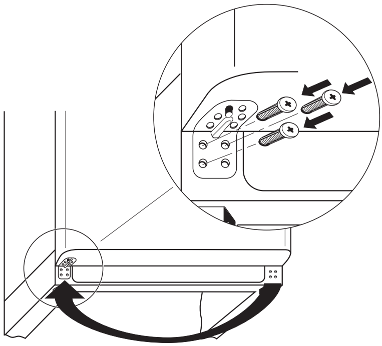


☞ Fasten the self-closing mechanism on the top left of the freezer compartment door,

☞ Carefully slide the freezer compartment door onto the centre bearing pivot and close.



☞ Place the lower door bearing with the bearing pivot in the lower left of the freezer compartment door and fasten.

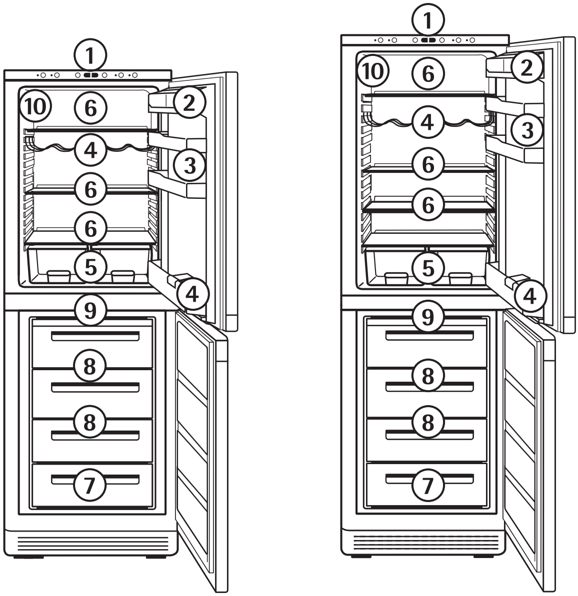


☞ Open the freezer compartment door and fit the plinth.

Appliance Description

View of Appliance

(various models)



① Control panel and elements

② Butter and cheese compartment with lid

③ Door storage compartments

④ Bottle compartment/bottle rack

⑤ Fruit and vegetable drawers

⑥ Shelves

⑦ Freezer drawer (only for storage)
When defrosting the bottom drawer also serves as a water collecting vessel.

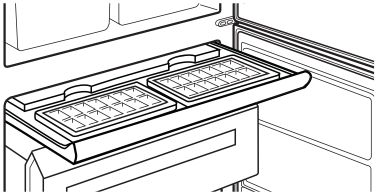
⑧ Freezer drawer (for storage and freezing)

⑨ Freezer tray

⑩ Rating plate (depending on model upper or lower left)

Freezer tray with "Cold Accumulation Block"

A freezer tray with a cold accumulation block and two ice trays is included above the upper drawer in the freezer compartment.
Refer to the section "Prior to Initial Start-Up" regarding the freezing of the cold accumulation block.

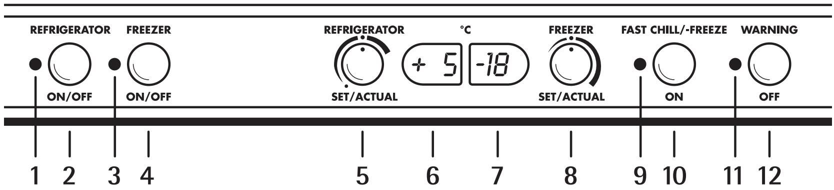


In the event of power failure or a malfunction of the appliance, the cold accumulation block will increase the hold over period by several hours.

The block may also be used in a cool bag to keep the temperature of food down during transportation.

Berries, for example, can be pre-frozen on the freezer tray. Advantage: The berries are not squeezed and maintain their natural form. The frozen berries can then be stored in compartments or drawers packaged in individual portions.

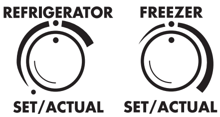
Control Panel



1 ON/OFF indicator light for refrigerator (green)
2 ON/OFF button for refrigerator
3 ON/OFF indicator light for freezer compartment (green)
4 ON/OFF button for freezer compartment
5 Temperature regulator for refrigerator
6 Temperature display for refrigerator
7 Temperature display for freezer compartment
8 Temperature regulator for freezer compartment
9 FAST FREEZE indicator light (yellow)
10 FAST CHILL/-FREEZE button
- FAST CHILL for intensive cooling in the refrigerator
- FAST FREEZE for fast freezing in the freezer compartment

11 Warning indicator light (red)
12 WARNING OFF button
(see section: "Control and Information Systems")

Temperature Regulator



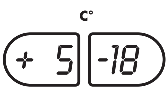
To adjust the temperature of the refrigerator or freezer compartment the regulator button must be freed from its recessed position.

- Briefly pressing on the respective temperature regulator button frees it from its recessed position.
- Pressing on the respective temperature regulator button returns it to its recessed position.

SET means:
With temperature regulator button freed from the recessed position; the required temperature (SET temperature) can be adjusted in increments of 1°C.

ACTUAL means:
With temperature regulator button in recessed position; temperature display indicates the refrigerator or freezer compartment temperature (ACTUAL temperature).

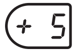
Temperature Displays



The temperature displays shows several types of information.

- In normal operation the refrigerator or freezer compartment temperature is displayed (ACTUAL temperature). The temperature regulator must be in its recessed position.
- During temperature adjustment, the temperature selected will flash in the display (SET temperature).
- If a malfunction has occurred the temperature display alternately indicates:
  – the current refrigerator or freezer compartment temperature (ACTUAL temperature) as well as
  – an error message.
  The error message is coded (e.g. F1, F2, etc.) and assists the service technician in diagnosing the fault. If the temperature can no longer be registered, only the error code is displayed.

Applies only to the temperature display for the refrigerator



- When the FAST CHILL function is switched on (see also section: "Fast Chill/Fast Freeze"), "IC" is displayed in the temperature display. As long as the FAST CHILL function is switched on, no refrigerator temperature is indicated in the temperature display.

Applies only to the temperature display for the freezer compartment



- If, for example, frozen goods have been partially or completely thawed due to a power failure, the temperature display alternately indicates:
  – the freezer compartment temperature (ACTUAL temperature) and
  – the highest temperature to which the frozen goods have warmed.

Prior to Initial Start-Up

☞ Please clean the appliance interior and all accessories prior to initial start-up (see section: "Maintenance and Cleaning").

☞ Remove the cold accumulation block from the freezer tray.

☞ Place the cold accumulation block into a compartment or drawer only after the optimal storage temperature of -18°C has been reached, and allow to freeze.

☞ After 24 hours place the cold accumulation block at the front of the freezer tray.

☞ Re-freeze the thawed cold accumulation block in the same fashion, e.g. after cleaning the appliance.

Initial Start-Up

Refrigerator and freezer compartments can be operated and controlled independently of one another.

ℹ After the refrigerator and/or freezer compartments have been switched on, the electronics initialise a self-test.

☞ Insert plug into mains socket.

Refrigerator Start-Up

☞ Press refrigerator ON/OFF button.

The green power indicator for the fridge compartment lights up. The refrigerator temperature display shows the current, actual refrigerator temperature. The flashing red warning light indicates that the required storage temperature has not yet been reached. Once the self-test routine is complete, the compressor starts and functions automatically thereafter.

☞ Set the refrigerator to the desired temperature (see section: "Temperature Adjustment").

ℹ Goods to be refrigerated can be loaded immediately after switching on, because the storage temperature in the refrigerator is quickly reached.

Freezer Compartment Start-Up

☞ Press freezer compartment ON/OFF button.

The green power indicator for the freezer compartment lights up. The freezer compartment temperature display shows the current, actual freezer compartment temperature. The flashing red warning light indicates that the required storage temperature has not yet been reached. Once the self-test routine is complete, the compressor starts and functions automatically thereafter.

☞ Set temperature to -18°C or colder (see section: "Temperature Adjustment").

☞ Do not load freezer with goods until a temperature of -18°C has been reached, or until the red warning display has gone out.

Temperature Adjustment

With the individual temperature regulators the desired temperatures in the refrigerator and in the freezer compartment can be adjusted independently of one another.

☞ Press desired temperature regulator, so that it pops out of its recessed position. The temperature display will flash the selected temperature.

☞ Turn temperature regulator to the left or right to select the desired temperature. The temperature display immediately indicates the newly selected temperature:

Refrigerator



Initial setting
+5°C



warmer
to +10°C [1])



colder
to +2°C

ℹ A storage temperature of about +5°C in the refrigerator is generally considered to be sufficiently cold.

Freezer Compartment



Initial setting
(-18°C)



warmer
(to -15°C)



colder
(to -24°C)

ℹ -18°C is considered to be safe for the storage of frozen food.

☞ After temperature adjustment press the temperature regulator back into its recessed position.

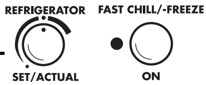
The temperature display is switched back to indicate the current refrigerator or freezer compartment temperature.

Important! Please check red warning display and temperature display regularly to assure maintenance of the storage temperature.

[1]) up to +15°C in stand-by mode (see also section: “Stand-by Mode“)

FAST CHILL/FAST FREEZE

FAST CHILL



The FAST CHILL function is suited for quick cooling of large quantities of goods in the refrigerator, e.g. drinks and salads for a party.

☞ To switch on the FAST CHILL function first press the temperature regulator for the refrigerator. The temperature regulator pops out of its recessed position. The flashing temperature display shows the refrigerator temperature setting.

☞ Press FAST CHILL/-FREEZE button. "IC" appears in the refrigerator temperature display for intensive cooling.

☞ Return refrigerator temperature regulator to its recessed position. The temperature display continues to indicates "IC", until the FAST CHILL function is ended.
During the FAST CHILL function a SET temperature of +2°C is automatically selected. The FAST CHILL function will stop automatically after a period of 6 hours. At the end of this period the display will show the the originally SET temperature.

☞ You can stop the FAST CHILL function manually at any time by following the above steps, which are required for starting the FAST CHILL function.

FAST FREEZE



The FAST FREEZE function provides for quick freezing of fresh food products, and at the same time protects previously stored goods against undesired warming in the freezer compartment.

☞ To start the FAST FREEZE function press the FAST CHILL/-FREEZE button. When the FAST FREEZE function is switched on, the yellow indicator light next to the button lights up.
The appliance electronics automatically recognize, when the fast freezing process can be ended, and automatically switches off the FAST FREEZE function (after approx. 30 to 51 hours, depending on the quantity of food to be frozen).

☞ You can stop the fast freezing process manually at any time by pressing the FAST CHILL/-FREEZE button again.

ℹ The FAST FREEZE function can only be switched on when the refrigerator temperature regulator button is in the recessed position.

Switching the Appliance Off

In order to protect frozen goods, the appliance is guarded against accidental switching off (child-proof).

ℹ Refrigerator and freezer compartments can be switched off independently of one another.

☞ To switch off press and hold the ON/OFF button for about 5 seconds. A so-called "count down" is started in the temperature display, which counts backwards from "5" to "0". When "0" is reached the appliance switches off. Illumination at the temperature display goes off.

If the appliance is to be removed from service for a lengthy period:

☞ Switch appliance off by pressing and holding the ON/OFF button for about 5 seconds.

☞ Remove the mains plug or switch off.

☞ Defrost freezer compartment and clean thoroughly (see section: "Maintenance and Cleaning").

☞ Leave door open after defrosting to avoid accumulation of odours.

Stand-by Mode

In the stand-by mode the temperature for the refrigerator is approximately +15°C. In stand-by mode it is therefore possible to leave the door of the empty refrigerator closed during periods of extended absence. Advantage: Unintentional closing of the door, or accidental closing of the door by persons who have access to your home during your absence, is no longer possible. Without the stand-by mode leaving the door closed would lead to the accumulation of odours and mould.

☞ To activate the stand-by mode first press temperature regulator for refrigerator, so that it is freed from its recessed position.

☞ Turn temperature regulator anticlockwise as far as possible. Indicated temperature in the temperature display is increased in 1° increments up to +10°C. The +10°C value is followed by +15°C. The refrigerator is now in the energy saving stand-by mode.

☞ Press temperature regulator back into recessed position.

Important! Do not store any goods in the refrigerator when the stand-by mode is operational. The temperature is regulated at about +15°C when the stand-by mode is operational. This is too warm for food products.

Control and Information Systems

The control and information systems consist of a temperature display, an optical warning display and an acoustic warning.
The system warns if:
– the temperature in the refrigerator or freezer compartment is too high;
– partial or complete thawing of frozen goods;
– functional disturbances at the appliance.

Temperature Warning

The red warning display flashes and an audible warning sounds, as soon as the temperature in the refrigerator or the freezer compartment rises to more than 5°C above the selected temperature. A rise in temperature of more than 5°C may be caused by:
– frequent door opening for long periods of time;
– loading with large quantities of warm foods;
– high ambient temperature;
– an error of the appliance.
The audible warning can be switched off with the WARNING OFF button. Both warning display and audible warning are automatically switched off, when the actual temperature in the refrigerator and/or the freezer compartment falls to 4°C warmer than the selected temperature.

i The warning tone switches off automatically after one hour, also if the ACTUAL temperature is still more than 4 °C at variance with the SET temperature. The red warning light continues to flash.

Note:

- The red warning display and the audible warning are inoperable:
  – after adjusting the temperature to a colder setting, until the selected temperature is reached;

Partial/Complete Thaw Warning

If frozen goods in the freezer compartment have been partially or completely thawed (e.g. during a temporary power interruption), the red warning display flashes. In addition the temperature display alternately indicates:
– the highest temperature to which the frozen goods have warmed;
– and the actual temperature in the freezer compartment.
If the possibility of partial or complete thawing exists, you should check the quality of the foods.
As soon as the temperature in the freezer compartment has again fallen below the critical thawing temperature of -4°C, the partial/complete thaw warning can be switched off with the WARNING OFF button.

Function Errors

If the appliance electronics have detected a technical malfunction which has to be corrected by a service technician, both optical and acoustic warnings are activated. In addition the respective temperature display alternately indicates:
– an error message (error codes F1 through F7) and
– the current storage temperature (actual temperature).

Note: An appliance malfunction which is indicated by an error code, must be corrected by a service technician. The acoustic warning can be switched off for 24 hours with the WARNING OFF button.

Opening the Freezer Compartment Door

If the freezer compartment door is closed when the appliance is in operation, it is possible that it cannot be immediately opened again. A vacuum occurs in the freezer compartment which holds the door closed until pressure has been equalised. The door can be opened again after several minutes.

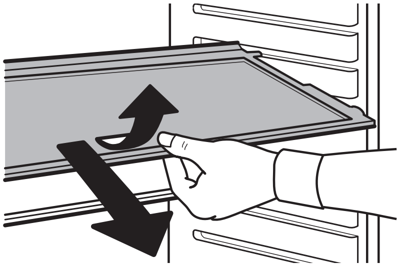
Interior Accessories

Storage Shelves

☞ A storage shelf must be inserted into the lower guide track above the fruit and vegetable trays. It must always remain in this position, so that fruits and vegetable remain fresh longer.

The remaining storage shelves can be adjusted to various heights:

☞ Pull the storage shelf forward until it can be tipped up or down and removed.



☞ To insert at a different height use the same procedure in reverse.

Adjustment for tall goods:

☞ Remove the front half of the two-part vario glass storage shelf and insert it at a different level. Space is thus gained for storage of tall goods on the underlying storage shelf.

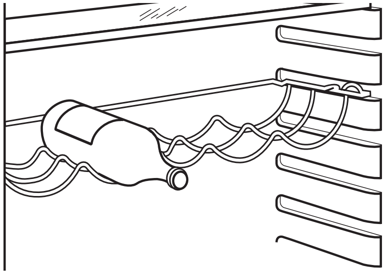


Bottle rack

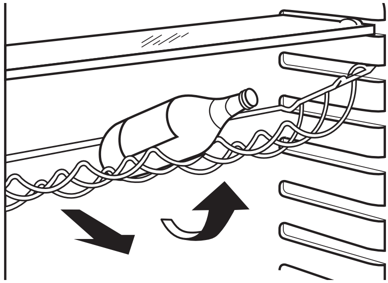
Place bottles in the rack with the bottleneck to the front.

Important: Only store unopened bottles horizontally.

The bottle rack can be tilted for storing opened bottles.



☞ To do this pull the bottle rack forward until it can be tilted upwards, then slide the front support into the next level up.



Variable Inner Door

The door compartments can be pulled up and removed, and inserted at other positions as needed.

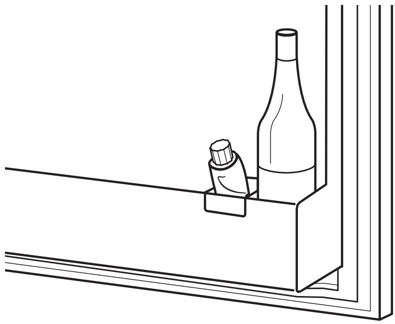
Trays and Compartments

Vario tray-set

The two large fruit and vegetable trays can be divided with an adjustable partition (not included with all models).

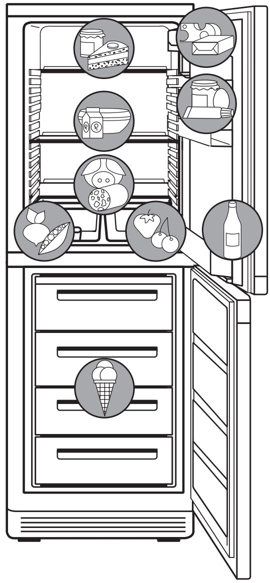
Tube compartments

(not included with all models)
Some models are equipped with compartments for tubes and small articles. When set into the bottle compartment, the tube compartment also prevents tipping of individual bottles.



Correct storage

For physical reasons, the refrigerator compartment has different temperature zones. The coldest zone is on the lowest storage shelf immediately above the fruit and vegetable trays. Warmer zones are the upper storage shelves and door racks. The arrangement (see fig.) indicates where different types of food are best stored to make the most of temperature variations.



For instance, the shelf immediately above the fruit and vegetable trays should be 5 °C for safe storage of meat and fish products. In order to check that the appliance is at 5 °C on the lowest shelf you can carry out the following test yourself:

☞ Place a cup of water in the center of the said shelf with a thermometer inside.

☞ Leave the fridge door closed overnight and check the temperature first thing in the morning.

☞ At this point the temperature should read no more than 5 °C; if it does, you need to adjust the temperature regulator to a colder setting.

For further information on keeping food cool and safe a guide published by the Ministry of Agriculture, Fisheries and Food is available and can be obtained free of charge by contacting:

Foodsense, London SE99 7TT. Tel: 0645 556000

Tip: Food stored in the refrigerator compartment should always be covered or packed so that they do not dry out, lose their flavour, or transfer their flavour to any other refrigerated food. The following are suitable for packing:
– polyethylene bags;
– plastic containers with lids;
– special plastic covers with rubber retainers;
– aluminium foil.

Freezing

Except for the bottom drawer, which serves only for storage purposes, all compartments and drawers in the freezer compartment are suited for freezing.

Warning!

- Before foods are frozen, the actual temperature in the freezer compartment must be -18°C or colder.
- Please observe indicated freezing capacity on the rating plate. The freezing capacity represents the maximum amount of fresh goods that can be frozen within 24 hours. If you freeze goods on several days, one after the other, freeze amounts equal to 2/3 to 3/4 of the capacity indicated on the rating plate.
- Thawed foods which have not been processed further (cooked into meals) may not under any circumstances be frozen a second time.

☞ For freezing the maximum capacity press the FAST CHILL/-FREEZE button 24 hours prior to freezing, or 4 to 6 hours for smaller quantities. Yellow indicator lights up.

ℹ The FAST CHILL/-FREEZE button need not be pressed for freezing of small quantities of up to 3 kg.

☞ All foods must be packed air tight prior to freezing, so that they do not dry out or lose their flavour, and so that no flavour contamination of other frozen goods occurs.

Caution! Do not touch frozen goods with wet hands. Hands can freeze to the goods.

☞ Place packaged goods in the drawers. Unfrozen goods may not come into contact with already frozen goods, otherwise the frozen goods may start to thaw.

ℹ The appliance electronics automatically recognise when the FAST FREEZE function can be stopped, and switch it off automatically. Yellow indicator light goes out. You can also stop the FAST FREEZE function manually by pressing the FAST CHILL/-FREEZE button again.

Tips:

- The following are suited for the packaging of frozen goods:
  – freezer bags and polyethylene wraps;
  – plastic containers for frozen foods;
  – extra-thick aluminium foil

- The following are suited for sealing bags and wraps: plastic clips, rubber bands or adhesive tape.
- Press air out of bags and wraps before sealing, because air encourages drying of frozen goods.
- Make flat packages, because these freeze more quickly.
- Do not fill plastic containers for frozen foods to the brim with liquid or paste-like goods, because liquids expand during freezing.

Frozen Storage

Warning! Before initial loading of the freezer compartment with previously frozen goods, the required storage temperature of -18°C must be reached.

- Load freezer only with packaged frozen goods, so that they do not dry out or lose their flavour, and so that no flavour contamination of other frozen goods can occur.
- Please observe maximum storage times and expiry dates of frozen goods.

When possible store frozen goods separately according to type in drawers. The models are provided with index-tabs which can be attached to the drawers. In order to identify the contents of individual compartments, attach the index-tabs so that they cover the storage goods symbols (see section: "Storage Goods Symbols/Freezing Calendar").

Preparation of Ice Cubes

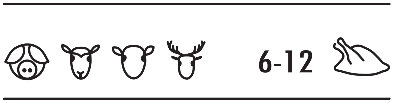
☞ Fill ice cube tray 3/4 full with cold water and place in the freezer tray or a drawer and allow to freeze.

☞ To remove the finished ice cubes twist the ice cube tray or hold under running water for a short time.

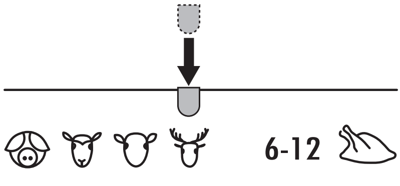
Warning! Do not, under any circumstances, free an ice tray which is frozen to the appliance with pointed or sharp edged objects. Use a spoon-handle or similar object.

Storage Goods Symbols/Freezing Calendar

- The symbols on the drawers show different types of frozen goods.



- The numbers indicate storage times in months for the appropriate types of frozen goods. Whether the upper or lower value of the indicated storage time is valid depends on the quality of the foods and pre-treating before freezing. The lower value applies to foods with high fat content.
- By attaching the included index-tabs to the drawers, they can be marked according to which type of foods the individual compartments contain.



Defrosting

The refrigerator is defrosted automatically

The electronics start the defrosting cycle in the refrigerator as needed based on economical energy use and the maintenance of a constant temperature. Defrosting cycles are started more or less often, depending on the degree of moisture accumulation. Because the greatest accumulation of moisture occurs when the door is open, the frequency of defrosting cycles is determined by frequency and duration of door opening.
The water collects in the discharge trough at the back wall of the refrigerator, and is fed through the discharge opening in the catch tray at the compressor where it is evaporated.

Freezer Compartment Defrosting

Moisture is precipitated in the form of white frost in the freezer compartment during operation and when the door is opened, especially in the middle at the top. Remove this white frost from time to time with a soft plastic scraper, e.g. a dough scraper. Do not under any circumstances use hard or pointed objects for this purpose.

The appliance should be defrosted when the thickness of the white frost has reached about 4 mm; but at least once a year in any case. A convenient time for defrosting is any time when the appliance is empty, or only minimally loaded.

Warning!

- Do not use electrical heating appliances or any other mechanical or artificial devices to speed up the defrosting process, with the exception of those recommended in these operating instructions.
- Do not use defrosting sprays, because they may be health endangering and/or contain substances damaging to plastics.

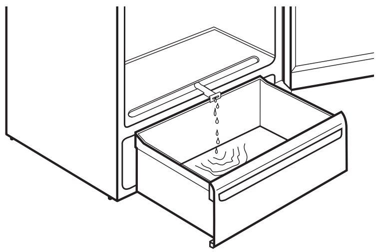
☞ About 12 hours prior to defrosting push the FAST CHILL/-FREEZE button, in order to build up sufficient chill reserve for the interruption in operation.

Caution! Do not touch frozen goods with wet hands as this can cause skin abrasions or frost/freezer burns.

☞ Remove frozen goods, pack them in several layers of newspaper, cover them and store them in a cool place.

☞ Switch off refrigerator and freezer and remove plug from the mains.

☞ Remove all the drawers. Remove the pedestal cover (see "Changing Over the Door Hinges" section). Place the bottom drawer directly in front of the appliance to collect the water from defrosting and pull out the water drain conduit.



Tip: In order to speed up the defrosting process, place a pot of hot water in the freezer compartment. In addition, remove pieces of ice that break away before defrosting is complete.

☞ After defrosting thoroughly clean the freezer interior, as well as interior accessories (see section: "Maintenance and Cleaning").

Hints and Tips

Normal Operating Sounds

- You may hear faint gurgling or bubbling sounds when the refrigerant is pumped through the coils or tubing at the rear, to the cooling plate/evaporator.
- When the compressor is on, the refrigerant is being pumped round and you will hear a whirring sound or pulsating noise from the compressor.
- A thermostat controls the compressor and you will hear a faint click when the thermostat cuts in and out.

Food Storage

To obtain the best performance from your refrigerator/freezer:

- Do not store warm food or evaporating liquids.
- Do not store food uncovered.
- Keep the time between buying chilled food and placing it in your freezer as short as possible.
- Do not push food together too much, try to allow air to circulate around each item.

Energy Saving Advice

- Do not install the appliance close to sources of heat, such as a cooker, dishwasher or radiator.
- Locate the appliance in a cool well ventilated room and make sure that the air openings of the appliance are not obstructed.
- Always leave warm food to cool down to room temperature before placing in the freezer.
- Try to avoid keeping the door open for long periods or opening the door too frequently as warm air will enter the cabinet and cause the compressor to switch on unnecessarily often.
- Ensure there are no obstructions preventing the door from closing properly.

Maintenance and Cleaning

Before any maintenance or cleaning work is carried out DISCONNECT the appliance from the ELECTRICITY supply.

Internal Cleaning

☞ If the refrigerator only is to be cleaned, press the FAST CHILL/-FREEZE button several hours in advance, in order to build up sufficient chill reserve in the freezer compartment for the interruption in service. Do not open the freezer compartment door.

☞ Defrost the freezer compartment (see section: "Defrosting").

☞ Clean the inside and accessories with warm water and bicarbonate of soda (5 ml to 0.5 litre of water). Rinse and dry thoroughly.

Warning!

- Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or cleaning products containing bleach or alcohol.

☞ Regularly check the door seals and wipe clean to ensure they are clean and free from debris.

External Cleaning

☞ Wash the outer cabinet with warm soapy water.

Warning!

- Do not use abrasive products
- There are sharp edges on the underside of the product so care should be taken when cleaning.

Accumulation of dust at the condenser increases energy consumption. For this reason carefully clean the condenser at the back of the appliance once a year with a soft brush or a vacuum cleaner.

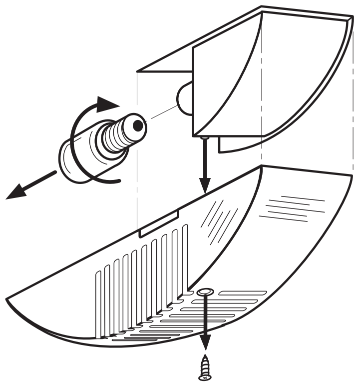
Replace light bulb

For safety reasons the interior lighting switches off after 10 minutes when the door is open. It switches on again the next time the door is opened.

Warning! Danger of electrical shock! Before replacing the light bulb switch off the appliance and remove the mains plug.

Light bulb specifications: halogen lamp 220-240 V, max. 25 W, fitting: E 14

- To switch the appliance off press and hold both ON/OFF buttons for about 5 seconds.
- Unplug the mains plug.
- To change the light bulb, undo the cross head screw and remove the light bulb cover downwards.
- Change the defective light bulb.
- Refit the light bulb cover and the cross head screw.



Something not Working

Before contacting your local service force centre, check the following points.

Symptom	Solution
No power to the appliance.	Check there is power at the socket
	Check there is not a power cut by checking the household lights.
	Check the fuse has not blown.
The temperature in the refrigerator/freezer is too high.	Check the ambient temperature is within the appliances operating limits
	Check the thermostat is turned to the correct setting relative to ambient conditions.
Red warning display flashes, audible warning sounds, temperature display indicates an error (F1, F2, etc.).	Switch the audible warning off by pressing the WARNING OFF button. Please make a note of the indicated error and inform the service department. Do not open the appliance door again.
Red warning display flashes, two temperatures are indicated alternately by the temperature display.	Please refer to the section "Control and Information Systems".
Interior illumination does not function. Important: The interior lighting switches off automatically after 10 minutes.	Please refer to "Replace Light Bulb " section.
The compressor runs continuously	Adjust the thermostat to give correct temperature control.
	Check that the door is closed.
	Large quantities of food have recently been placed in the cabinet and/or door is frequently opened.
	Check that air ventilation is not obstructed.

Sympton	Solution
Excessive build up of frost.	If the door seal is not airtight (probably after changing over the door hinges) apply warm air to the non sealing area using a hair dryer set to a gentle heat. (do not use a fan heater for this purpose). This will make the rubber more supple and allow it to revert to its original shape.
Noise	Refer to Normal Operating Sounds
The compressor does not start immediately after changing the temperature setting.	This is normal, the compressor starts after a period of time.

If after the above checks there is still a fault, call your local AEG Service Force Centre.

In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

Please note that proof of purchase is required for in-guarantee service calls.

Service & Spare Parts

In the event of your appliance requiring service, or if you wish to purchase spare parts, contact your local AEG Service Force Centre by telephoning

08705 929 929

Your call will be automatically routed to the Service Centre covering your post code area.

Help us to help you

Please determine your type of enquiry before writing or telephoning. When you contact us we need to know,

1 Your name, address and post code
2 Your telephone number
3 Clear and concise details of the fault
Fault code (F1, F2 etc if displayed)
4 Date of purchase
5

- Model Name
- Model Number (PNC)
- Serial Number (S-No.)

This information can be found on the rating plate in the interior of the appliance at the left.

Customer Care

For general enquiries concerning your AEG appliance, or for further information on AEG products, you are invited to contact our Customer Care Department by letter or telephone:

Customer Care Department
AEG
55-77 High Street
Slough
Berkshire
SL1 1DZ

Tel.: 08705 350350

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Guarantee Conditions

AEG offer the following guarantee to the first purchaser of this appliance:

1. The guarantee is valid for 12 month commencing when the appliance is handed over to the first retail purchaser, which must be verified by purchase invoice or similar documentation.
   The guarantee does not cover commercial use.
2. The guarantee covers all parts or components which fail due to faulty workmanship or faulty material. The guarantee does not cover appliances where defects or poor performance are due to misuse, accidental dammage, neglect, faulty installation, unauthorised modification or attempted repair, commercial use or failure to observe requirements and recommendations set out in the instruction book.
   This guarantee does not cover such parts as light bulbs, removable glassware or plastic.
3. Should guarantee repairs be necessary the purchaser must inform the nearest customer service office (AEG´s service or authorised agent). AEG reserves the right to stipulate the place of the repair (i. e. the customer´s home, place of installation or AEG workshop).
4. The guarantee or free replacement includes both labour and materials.
5. Repairs carried out under guarantee do not extend the guarantee period for the appliance. Parts removed during guarantee repairs become the property of AEG.
6. The purchaser´s statutory rights are not affected by this guarantee.

European Guarantee

If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

- The guarantee starts from the date you first purchased your product.
- The guarantee is for the same period and to the same extent for labour and parts as exist in the new country of use for this brand or range of products.
- This guarantee relates to you and cannot be transferred to another user.
- Your new home is within the European Community (EC) or European Free Trade Area.
- The product is installed and used in accordance with our instructions and is only used domestically, i. e. a normal household.
- The product is installed taking into account regulations in your new country.

Before you move please contact your nearest Customer Care Centre, listed below, to give them details of your new home. They will then ensure that the local Service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0)3 44 62 29 29
Germany	Nürnberg	+49 (0)911 323 2600
Italy	Pordenone	+39 (0)1678 47053
Sweden	Stockholm	+46 (0)8 738 79 10
UK	Newbury	+44 (0)1635 572700

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Technical Terminology

- **Refrigerant**
  Liquids that can be used to a generate a cooling effect are known as refrigerants. They have a relatively low boiling-point, indeed so low, that the warmth from the food stored in the fridge or freezer can cause the refrigerant to boil and vaporise.
- **Refrigerant Circuit**
  Closed circulation system that contains the refrigerant. The refrigerant circuit comprises primarily of an evaporator, a compressor, a condenser and pipe work.
- **Evaporator**
  The refrigerant is evaporated in the evaporator. Similar to all other liquids, refrigerant requires heat to evaporate. This heat is removed from the interior of the appliance, as a result the interior is cooled. The evaporator is therefore located inside the appliance or placed in foam immediately behind the inner wall and thus not visible.
- **Compressor**
  The compressor looks like a small drum. It is driven by a built-in electric motor and is mounted on the base of the appliance at the rear. The task of the compressor is to draw in vaporised refrigerant from the evaporator, to compress it, and to pass it on to the condenser.
- **Condenser**
  The condenser normally has the form of a grid. The refrigerant compressed in the compressor is liquefied in the condenser. During this process, heat is released to the surrounding air at the surface of the condenser. The condenser is mounted on the base of the appliance.

Regulations, Standards, Guidelines

This appliance was designed for household use and was manufactured in accordance with the appropriate standards. The necessary measures in accordance with appliance safety legislation regulations (GSG), accident prevention regulations for refrigeration appliances (VBG 20) and the regulations of the German Society of Electrical Engineers (VDE) were observed in the manufacture of this appliance.
The refrigerant circuit has been checked for leaks.

CE This appliance is in accordance with the following EU guidelines:
– 73/23/EWG dated 19 February 1973 - low voltage guidelines.
– 89/336/EWG dated 3 May 1989
  (including guideline change notice 92/31/EWG) - EMV guideline

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